Korw *FILE*

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY SYSTEMS BRANCH
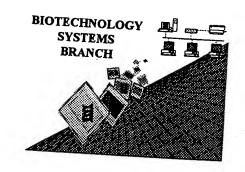
The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: _08/945,459_

Art Unit / Team No. : _1646_

Date Processed by STIC: _9/9/98_
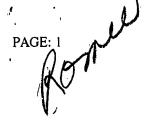
THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED.**

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

PAGE: 1

1646

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/945,459*

DATE: 09/09/98
TIME: 14:05:58

INPUT SET: S28481.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTING

```
1
2
3    (1)     General Information:
4
5       (i)      APPLICANT: MAKISHIMA, FUSAO; TAKAMATSU,
6                      HIROYUKI; MIKI, HIDEO; KAWAI,
7                      SHINJI; KIMURA, MICHIO; MATSUMOTO,
8                      TOMOAKI; KATSUURA, MIEKO; ENOMOTO,
9                      KOICHI; SATOH, YUSUKE
10
11      (ii)     TITLE OF INVENTION: A NOVEL PROTEIN AND
12               PROCESS FOR PREPARING THE SAME
13
14      (iii)    NUMBER OF SEQUENCES:  3
15
16      (iv)     CORRESPONDENCE ADDRESS:
17               (A)  ADDRESSEE:  BIERMAN, MUSERLIAN AND LUCAS
18                    LLP
19               (B)  STREET:  600 THIRD AVENUE
20               (C)  CITY:  NEW YORK
21               (D)  STATE:  NEW YORK
22               (E)  COUNTRY:  USA
23               (F)  ZIP:  10016
24
25      (v)      COMPUTER READABLE FORM:
26               (A)  MEDIUM TYPE:  FLOPPY DISK
27               (B)  COMPUTER:  IBM PC COMPATIBLE
28               (C)  OPERATING SYSTEM:  PC-DOS/MS-DOS
29               (D)  SOFTWARE:  MICROSOFT WORD 97
30
31      (vi)     CURRENT APPLICATION DATA:
32               (A) APPLICATION NUMBER: 08/945,459
33               (B) FILING DATE: 09-DEC-1997
34
35      (vii)    PRIOR APPLICATION DATA:
36               (A)  APPLICATION NUMBER: PCT/JP96/01062
37               (B)  FILING DATE:  19-APR-1996
38
39      (vii)    PRIOR APPLICATION DATA:
40               (A)  APPLICATION NUMBER:  JP7/322403
41               (B)  FILING DATE:  17-NOV-1995
42
43      (vii)    PRIOR APPLICATION DATA:
44               (A)  APPLICATION NUMBER:  JP7/93664
45               (B)  FILING DATE:  19-APR-1995
```

```
46
47        (vii)    ATTORNEY/AGENT INFORMATION:
48
49
50
51
52
53
54                 (A)   NAME:   CHARLES A. MUSERLIAN
55                 (B)   REGISTRATION NUMBER:  19,683
56                 (C)   REFERENCE/DOCKET NUMBER: 146.1275
57
58        (ix)     TELECOMMUNICATION INFORMATION:
59                 (A)   TELEPHONE:  (212) 661-8000
60                 (B)   TELEFAX:  (212) 661-8002
61                 (C)   TELEX:
62
```

ERRORED SEQUENCES FOLLOW:

```
63     (2) INFORMATION FOR SEQ ID NO:1:
64
65          (i) SEQUENCE CHARACTERISTICS:
66               (A) LENGTH:  119 AMINO ACIDS
67               (B) TYPE:  AMINO ACID
68               (C) STRANDEDNESS:
69               (D) TOPOLOGY:  LINEAR
70
71          (ii) MOLECULE TYPE:  PEPTIDE
72
73          (vi) ORIGINAL SOURCE:
74               (A) ORGANISM:  HOMOSAPIENS
75               (F) TISSUE TYPE:  FETUS
76
77          (ix) FEATURE:
78               (A) NAME/KEY:  MP52
79               (B) LOCATION:  383 TO 501
80
81          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
82
-->  83   CCA CTG GCC ACT CGC CAG GGC AAG CGA CCC AGC AAG    36
     84   Pro Leu Ala Thr Arg Gln Gly Lys Arg Pro Ser Lys
     85   1               5                   10
     86
-->  87   AAC CTT AAG GCT CGC TGC AGT CGG AAG GCA CTG CAT    72
     88   Asn Leu Lys Ala Arg Cys Ser Arg Lys Ala Leu His
     89           15                  20
     90
-->  91   GTC AAC TTC AAG GAC ATG GGC TGG GAC GAC TGG ATC    108
     92   Val Asn Phe Lys Asp Met Gly Trp Asp Asp Trp Ile
```

[Handwritten annotation:] This is a nucleic acid sequence, despite the amino acids corresponding to the triplets

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/945,459*

```
       93     25                       30                      35
       94
-->    95   ATC GCA CCC CTT GAG TAC GAG GCT TTC CAC TGC GAG    144
       96   Ile Ala Pro Leu Glu Tyr Glu Ala Phe His Cys Glu
       97                40                      45
       98
-->    99   GGG CTG TGC GAG TTC CCA TTG CGC TCC CAC CTG GAG    180
      100   Gly Leu Cys Glu Phe Pro Leu Arg Ser His Leu Glu
      101        50                      55                  60
      102
      103
      104
      105
      106
      107
      108
-->   109   CCC ACG AAT CAT GCA GTC ATC CAG ACC CTG ATG AAC    216
      110   Pro Thr Asn His Ala Val Ile Gln Thr Leu Met Asn
      111                    65                      70
      112
-->   113   TCC ATG GAC CCC GAG TCC ACA CCA CCC ACC TGC TGT    252
      114   Ser Met Asp Pro Glu Ser Thr Pro Pro Thr Cys Cys
      115            75                      80
      116
-->   117   GTG CCC ACG CGA CTG AGT CCC ATC AGC ATC CTC TTC    288
      118   Val Pro Thr Arg Leu Ser Pro Ile Ser Ile Leu Phe
      119   85                      90                      95
      120
-->   121   ATT GAC TCT GCC AAC AAC GTG GTG TAT AAG CAG TAT    324
      122   Ile Asp Ser Ala Asn Asn Val Val Tyr Lys Gln Tyr
      123                100                     105
      124
-->   125   GAG GAC ATG GTC GTG GAG TCG TGT GGC TGC AGG    357
      126   Glu Asp Met Val Val Glu Ser Cys Gly Cys Arg
      127        110                     115
      128
      129
```